## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/016436

•		FC1/UF2	2004/010430
	CATION OF SUBJECT MATTER C12N9/18, C12N1/20		
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According to Into	ernational Patent Classification (IPC) or to both nationa	l classification and IPC	
B. FIELDS SE			
Minimum docum	nentation searched (classification system followed by cla C12N9/18, C12N1/20	assification symbols)	
int.Ci	C12N9/16, C12N1/20		
Documentation s	searched other than minimum documentation to the extension	nt that such documents are included in th	e fields searched
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Electronic data b	pase consulted during the international search (name of d	lata base and, where practicable, search to	erms used)
JSTPIUS	s(STN), WPI/BIOSIS(DIALOG)		
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
Y	C.J. ROSSINI et al., Use of i force microscopy to monitor t	n-situ atomic	1-9
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	Symp. (2001), Vol.167, pages		
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Y	M. TANSENGCO and I, DOGMA Jr. degradation of poly-β-hydroxy		1-9
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1	Vol.19, No.3, pages 191 to	W 203	
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	
* Special cate	gories of cited documents:	"T" later document published after the int	
to be of part	lefining the general state of the art which is not considered icular relevance	date and not in conflict with the applie the principle or theory underlying the	invention
filing date	cation or patent but published on or after the international	"X" document of particular relevance; the considered novel or cannot be cons step when the document is taken along	idered to involve an inventive
cited to esta		"Y" document of particular relevance; the	claimed invention cannot be
"O" document re	on (as specified)  cferring to an oral disclosure, use, exhibition or other means	considered to involve an inventive combined with one or more other such being obvious to a person skilled in the	documents, such combination
	ublished prior to the international filing date but later than date claimed	"&" document member of the same patent	
Date of the actua	al completion of the international search	Date of mailing of the international sea	rch report
	ember, 2004 (29.11.04)	21 December, 2004	
N- :	- JJ	Authorized officer	
	ng address of the ISA/ se Patent Office	Authorized officer	
Facsimile No.		Telephone No.	
	0 (second sheet) (January 2004)		

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	H.J. KIM et al., Characterization of an extracellular medium-chain-length poly (3-hydroxyalkanoate) depolymerase from Streptomyces sp. KJ-72., Antonie van Leeuwenhoek (2003 May), Vol.83, No.2, pages 183 to 189	1-9
Y	K. SEI et al., Design of PCR primers and a gene probe for extensive detection of poly(3-hydroxybutyrate) (PHB)-degrading bacteria possessing fibronectin type III linker type-PHB depolymerases., Appl.Microbiol.Biotechnol. (2001), Vol.55, No.6, pages 801 to 806	1-9
Y	JP 10-191980 A (Taisei Corp.), 28 July, 1998 (28.07.98), & EP 863209 A2 & US 5968801 A	1-9
<b>Y</b> .	<pre>JP 7-155180 A (Snow Brand Milk Products Co., Ltd.), 20 June, 1995 (20.06.95), (Family: none)</pre>	1-9
P,X	B.P. CALABIA and Y, TOKIWA, Microbial degradation of poly(D-3-hydroxybutyrate) by a new thermophilic Streptomyces isolate., Biotechnol.Lett. (2004, January), Vol.26, No.1, pages 15 to 19	1-9
P,X	Y. TOKIWA and B.P., CALABIA, Degradation of microbial polyesters., Biotechnol.Lett. (2004, August), Vol.26, No.15, pages 1181 to 1189	1-9
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